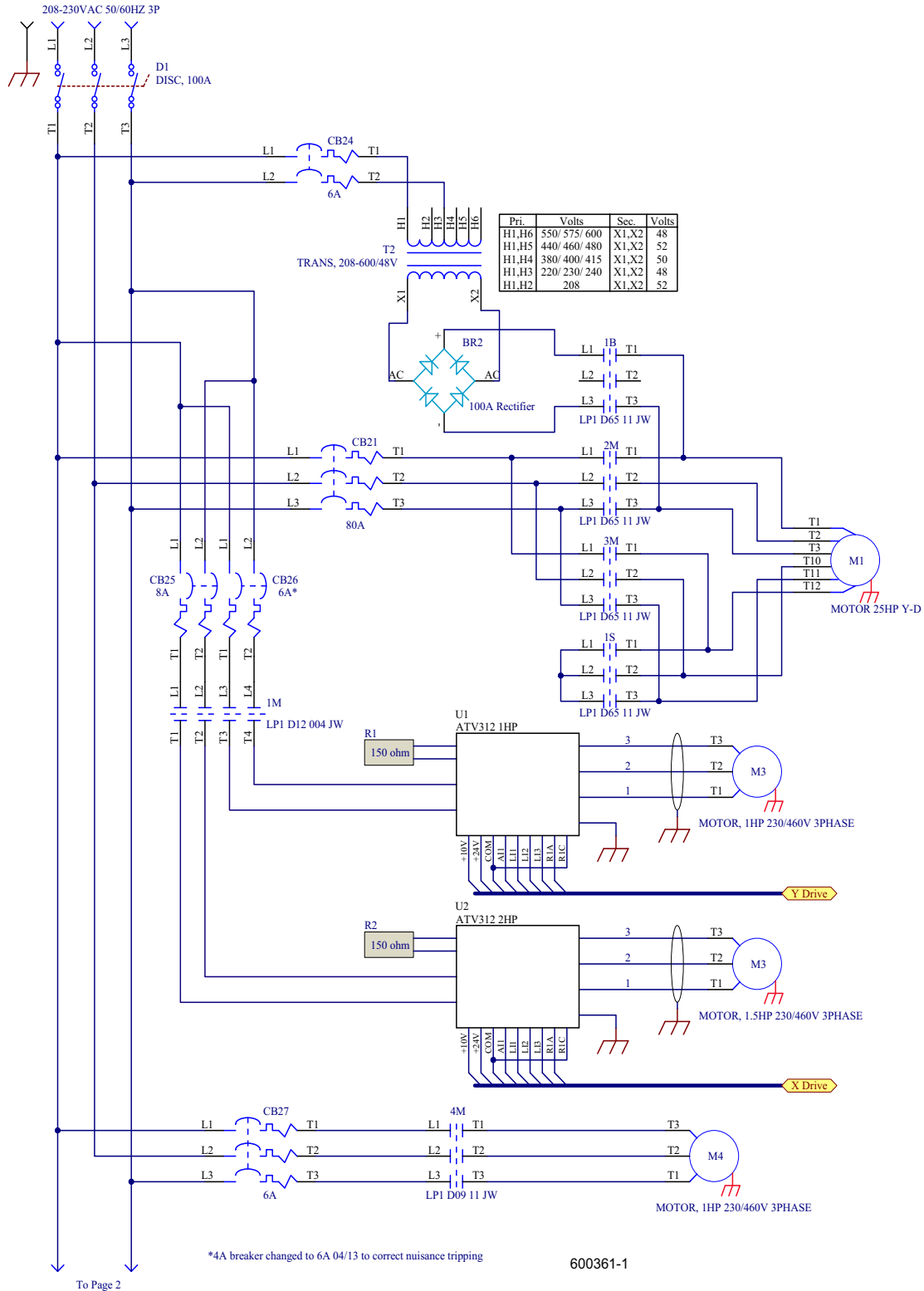




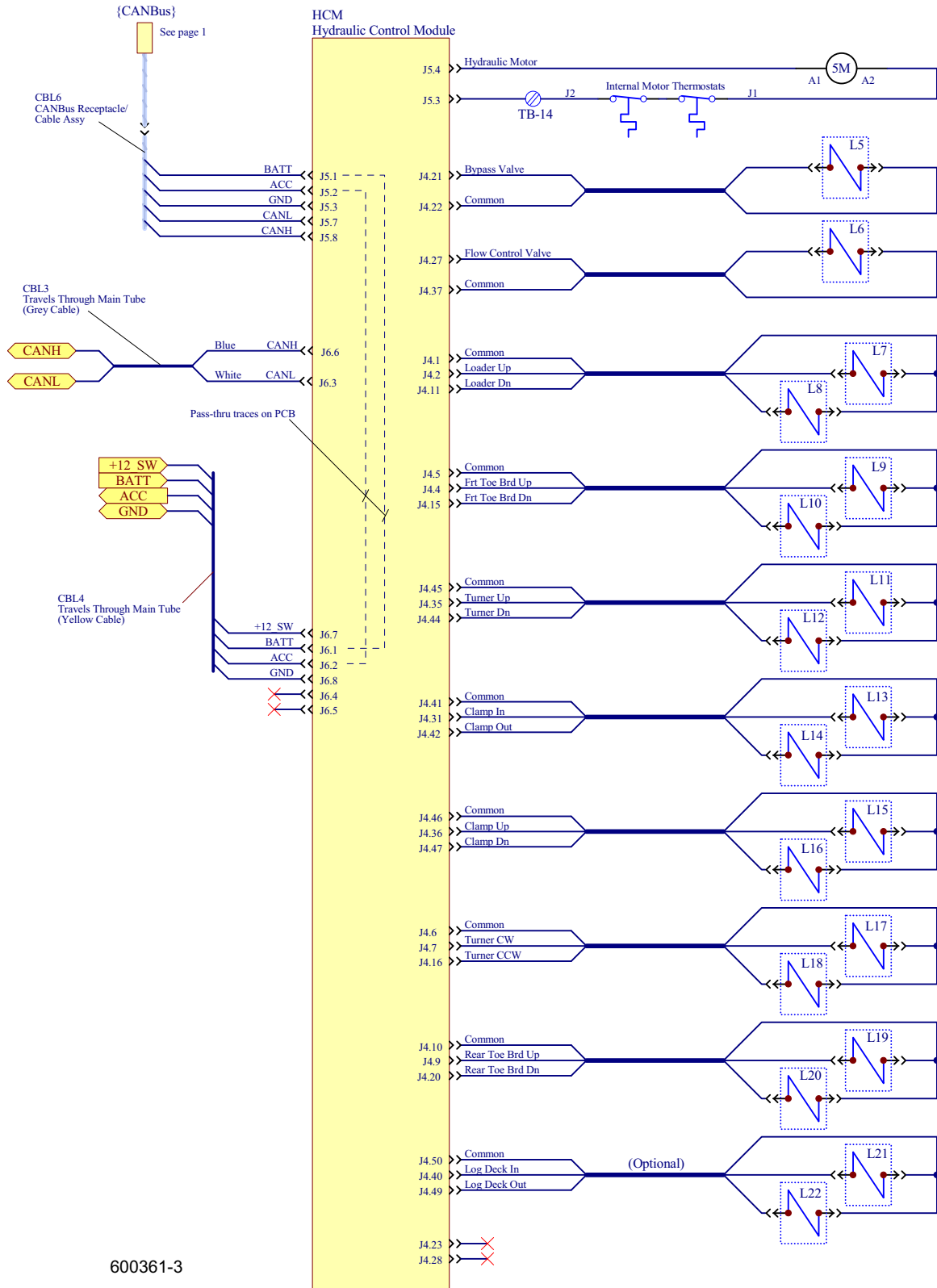
APPENDIX A EB25-RD ELECTRICAL INFORMATION

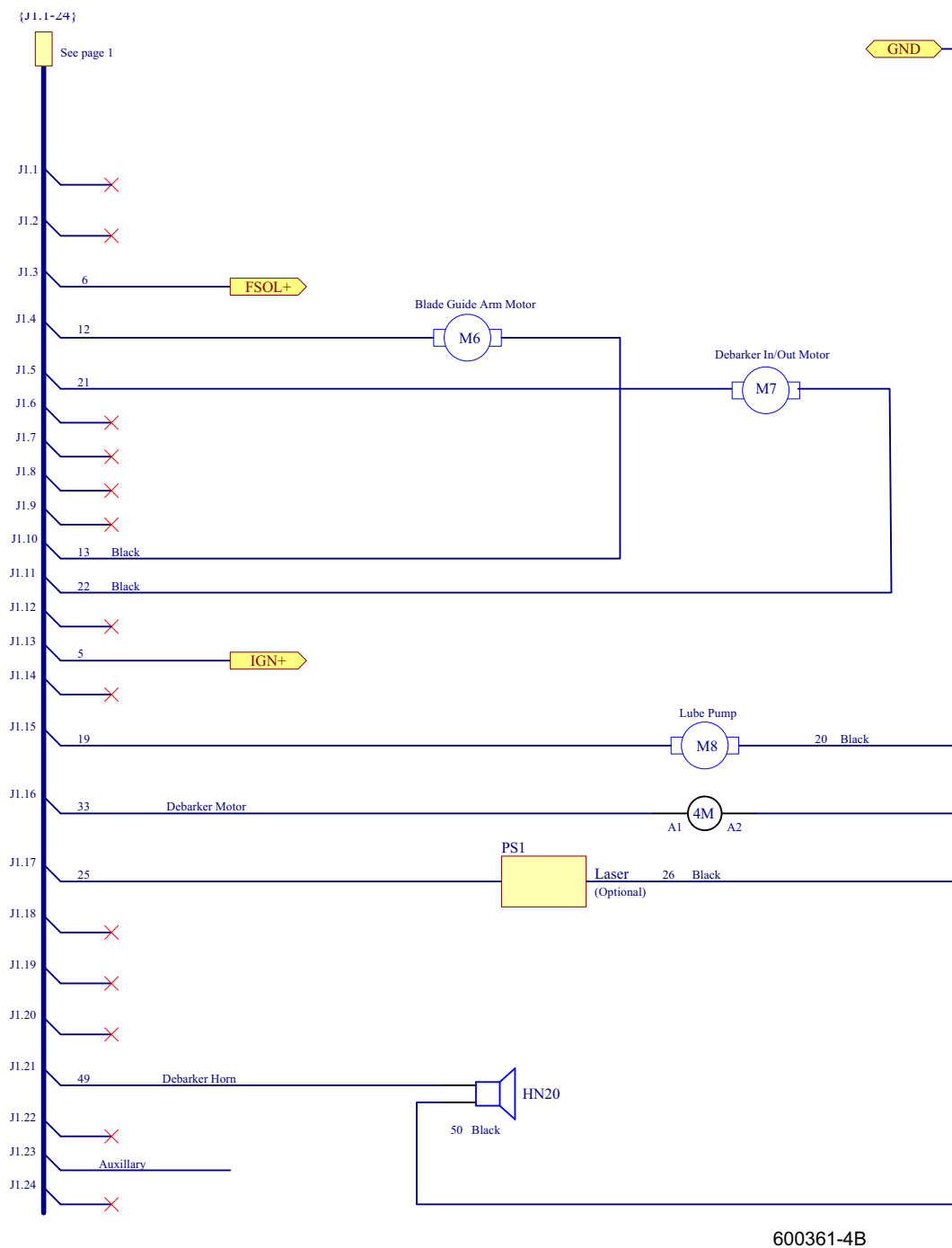
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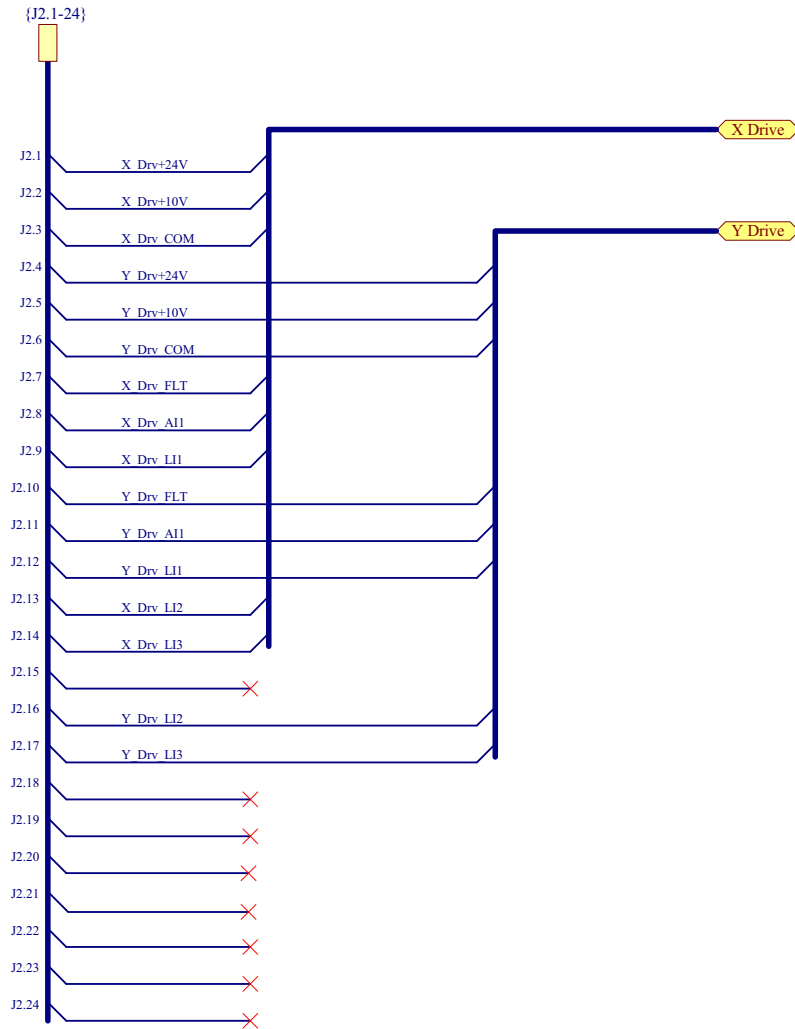
Rev. Rev. B4.05 - B6.13





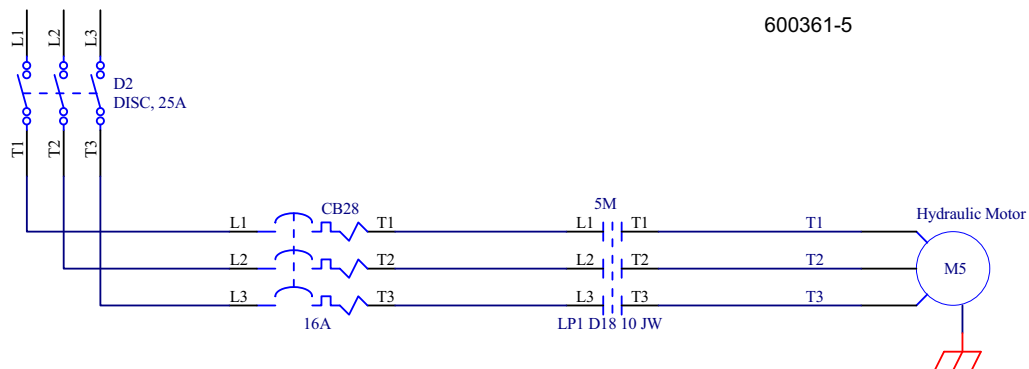






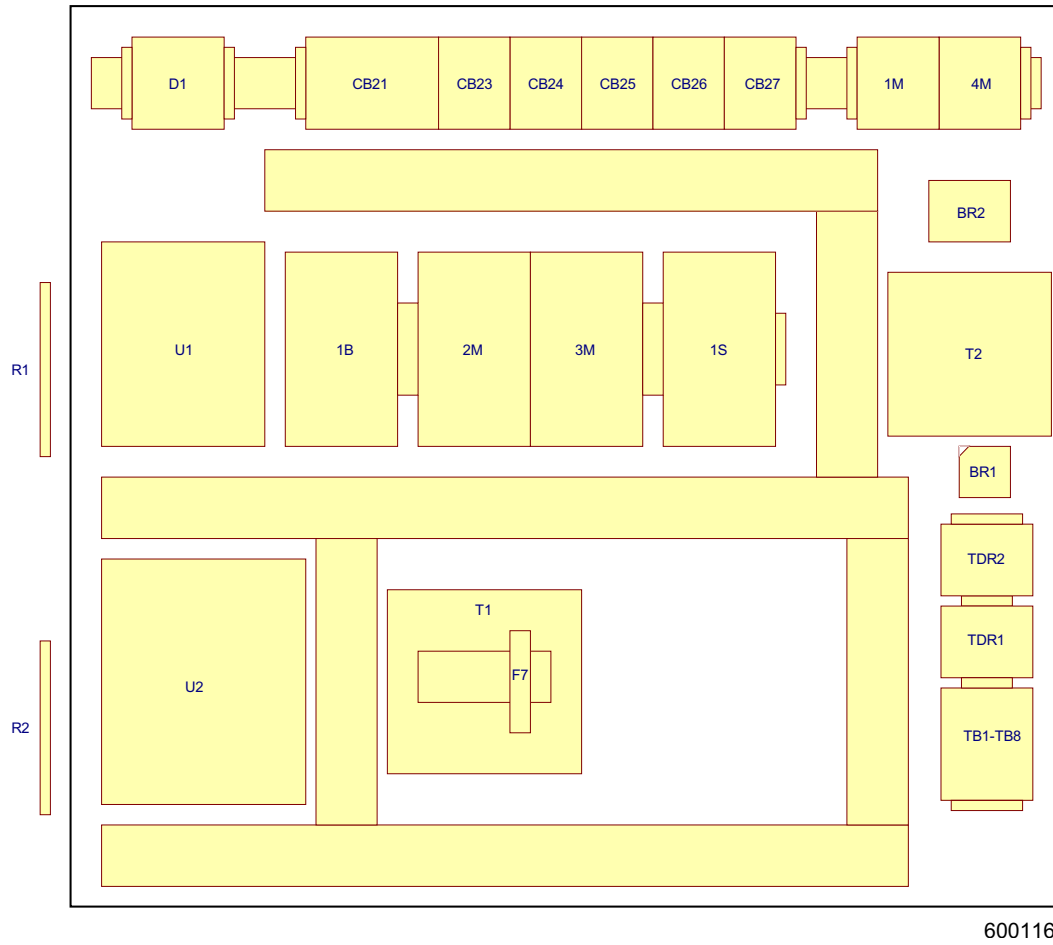
208-230VAC 50/60HZ 3P*

600361-5

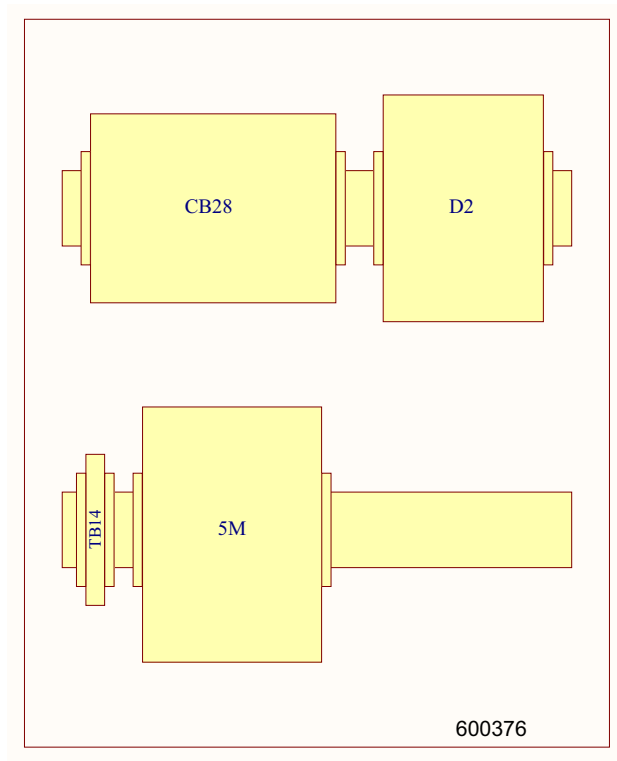


*Note: Hydraulic system uses a separate power source apart from saw head

MAIN ELECTRICAL COMPONENT DIAGRAM



HYDRAULIC CONTROL DIAGRAM



EB25 DCS Electrical Component List		
Component ID	Wood-Mizer Part No.	Description
1B, 2M, 3M, 1S	069521	Contact, 65A 3P 12VDC Coil D-A Series
	E23408	Contact, 2NC and 2NO Auxiliary
1M	050313	Contact, 12A 4P 12VDC Coil
4M	023124	Contact, 9A 12VDC Coil IEC
5M	050332	Contact, 18A 3P 12VDC Coil
B1	038659	Transducer, Balluff Style Z
BR1	E10456	Rectifier, 200 PIV 35A Bridge
BR2	050898	Rectifier, 100A 400PIV Bridge
CB4	053464	Breaker, 10 Amp Manual Reset, BATT Circuit
CB21	024690	Breaker, 40A 480V 3P Curve
CB23	E23061	Circuit Breaker, 4A 480V 2P Curve D
CB24	024060	Circuit Breaker, 6A 2P Curve D
CB25	E23068	Circuit Breaker, 8A 2P 480V D-Curve
CB26	024060 ¹	Circuit Breaker, 6A 2P Curve D
CB27	024691	Circuit Breaker, 6A 480V 3P Curve D
CB28	024904	Circuit Breaker, 16A 480V 3P Curve D
D1	050906-1	Disconnect, 100A 3Phase Non-Fused 6mm
	050907-1	Operator, Red/Yellow Pistol Grip Disconnect 6mm
	050908-1	Shaft, Disconnect Operator Extension 6mm
D2	050903-1	Disconnect, 40A 3 Phase Non-Fused 6mm
	050882-1	Shaft, Disconnect Extension 6mm
	050883-1	Switch, Red/Yellow Disconnect 6mm
E1	038658	Magnet, Balluff Transducer
F7	052455 ²	Fuse, 20A 250V Midget Delay
	073548 ²	Fuseholder, 30A Midget DIN Scw Trm NI
H1	015401	Hour Meter, 12 Volt DC
KS1	053420	Key Switch, DCS
L5	025840	Valve, 12VDC Proportional Flow Control
	069627	Cable Assy, 12VDC Single Din A Valve
L6	025834	Coil, Hyd Valve, 12V DC
	069627	Cable Assy, 12VDC Single Din A Valve
L7 - L30	025834	Coil, Hyd Valve, 12V DC
	069626	Cable Assy, 12VDC Dual Din A Valve
M1	065354	Motor Assembly, 25HP 230/460V Ultimate E
M2	050290	Motor, 1HP 230/460 3P 1725RPM Up/Down
M3	050291	Motor, 1.5HP 230/460 3P 1725RPM Power Feed
M4	050292	Motor, 3/4HP 230/460V 1725RPM Debarker Blade
M5	055312	Motor, 3HP 230/460V 56C 3450RPM Hyd. Pump
M6 - M7	053421	Motor Assy, DCS Blade Guide & Debarker In/Out
M8	053431	Pump Assembly, LubeMizer (DCS)
R1, R2	050888	Resistor, 150Ohm 150W
T1	050322	Transformer, 500VA 208-600/14V 1P 50/60Hz
T2	050315	Transformer, 500VA 208-240/48V 1Ph
TB1-TB8, TB14	024893	Terminal Block, Small
TDR1	023170	Timer, On Delay .1-10s 12VDC/DC
	E10216	Socket, 8-Pin Relay

EB25 DCS Electrical Component List		
Component ID	Wood-Mizer Part No.	Description
TDR2	050314	Relay, Timer Off Delay .1-10s 12VDC Coil
	E22700	Socket, 11-Pin Relay
U1	069618-1 ³	AC Drive, Up/Down DCS w/Software ATV320
U2	069619-1 ⁴	AC Drive, Power Feed DCS w/Software ATV320
VR1	053290	Potentiometer Assy, DCS Power Feed

¹ Replaced E23061 4A 480V 2P Curve D Circuit Breaker to correct tripping (04/13).

² Replaced 050895 20 Amp MDL Fuse and 050894 DIN Single 1/4" x 1 1/4" Fuseholder to improve durability (6/15).

³ Replaced 069618 AC Drive, Up/Down DCS w/Software (Rev. B7.00).

⁴ Replaced 069619 AC Drive, Power Feed DCS w/Software (Rev. B7.00).